

No. 718; Date: October 10, 2007



FEMA

Emergency Management Institute

EMI GRAM

FEMA/USFA
National Emergency Training Center
Emmitsburg, MD 21727

Course: E155, Building Design for Homeland Security

Dates: March 25-27, 2008

Course Length: This 3-day course will be held at the National Emergency Training Center (NETC), Emmitsburg, Maryland. The course will cover the content of FEMA 426, Reference Manual to Mitigate Potential Terrorist Attacks Against Buildings, and FEMA 452, FEMA: A How-To Guide to Mitigate Potential Terrorist Attacks. Both documents combine best practices among Federal agency publications for engineers and architects and other design professionals.

This course is designed to enhance student knowledge of measures and technology available to reduce risks from terrorist attacks. The course focus is on explosive blast; chemical, biological, and radiological attacks; and the best mitigation measures for site and building design/layout. It provides guidance on electronic security systems. To support the risk assessment process, the course introduces an easy-to-use Risk Assessment Database. This database is a stand-alone application that has functions, a folder to import and display digital photos, emergency plans, digital floor plans, and certain GIS products.

Although the course is directed to manmade hazard, it helps students to understand key elements of earthquake, floods, and high wind events as part of FEMA 452 risk assessment methodologies. It includes the review of several checklists and a database addressing vulnerability issues for these hazards. It presents a series of charts that show conflict and benefits of multihazard design.

Audience: This course is intended for engineers, architects, and building officials involved in mitigation planning and design to protect people and property against man-made hazards. Secondary audiences include land-use planners, hazard mitigation specialists, consultants, academic staff, and other professionals involved in State/local planning and design efforts.

Location: This course is offered at the National Emergency Training Center, Emergency Management Institute, 16825 South Seton Avenue, Emmitsburg, Maryland 21727.

Continuing Education Units (CEUs): The Emergency Management Institute (EMI) awards 2.1 CEU's for successful completion of this course.

To Apply: Please submit a FEMA Form 75-5, General Admission Application, with student signature and supervisor or sponsoring office signature through the State emergency management training office. FEMA regional employees should submit their applications to the Regional Training Manager. **All applications MUST be sent directly to the NETC Admissions Office, 16825 South Seton Avenue, Emmitsburg, Maryland 21727 or faxed to (301) 447-1658.**

NETC ADMISSIONS OFFICE MUST RECEIVE ALL FEMA FORM 75-5s (GENERAL ADMISSION APPLICATION) BY COB FEBRUARY 11, 2008.

For further information on the enrollment process, please contact the NETC Admissions Office, (301) 447-1035, or fax your request to (301) 447-1658. For additional information on the course, please contact the course manager at Dawn.Warehime@dhs.gov

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